PRODUCT-DETAILS

# E2.2H 800 Ekip Hi-Touch LSI 4p WMP

## E2.2H 800 Ekip Hi-Touch LSI 4p WMP



### General Information

| | |
|---|---|
| Extended Product Type | E2.2H 800 Ekip Hi-Touch LSI 4p WMP |
| Product ID | 1SDA072898R1 |
| EAN | 8015644767488 |
| Catalog Description | E2.2H 800 Ekip Hi-Touch LSI 4p WMP |
| Long Description | MOVING PART FOR C.BREAKER SACE EMAX2 E2.2H 800 FOUR-POLE WITH SOLID-STATE RELEASE IN AC EKIP/HI-TOUCH-LSI R 800 FITTED WITH: 4 AUXILIARY CONTACT AND C.BREAKER IN POSITION OPEN-CLOSED |

### ABB EcoSolutions

| | |
|---|---|
| ABB EcoSolutions | Yes |
| ABB Site Meeting Group Waste To Landfill Target | UL 2799 Zero Waste To Landfill Validation available |
| End Of Life Disassembling Instructions | 9AKK108468A2361 |
| Environmental Product Declaration - EPD | 9AKK108468A1902<br>9AKK108468A1909 |
| Recyclability Rate of the | Design for Closing Resource Loops - Standard EN45555 - 79.1 % |

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Subject to change without notice

Product acc. to EN45555

## Material Compliance

| | |
|---|---|
| REACH Declaration | 9AKK108466A1425 |
| RoHS Information | 9AKK108466A1424 |
| RoHS Status | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| Toxic Substances Control Act - TSCA | 9AKK108467A8326 |
| SCIP | 00d7ed7a-fd24-4380-8d9a-ff02a178b1c4 Italy (IT) |
| Simplified SCIP | cfd53bbe-f5f5-4be4-b7f4-30f66914c096 Portugal (PT)<br>f2a8a78b-a08f-4632-8d38-df44405e8eed Netherlands (NL)<br>7018d863-2576-4d6c-856d-1914dc97e78c Poland (PL)<br>3d4ef85f-f2af-42ac-b59e-edf471865f17 Poland (PL)<br>9a78d503-cc85-440c-a016-b2dcf4e3e4d2 Germany (DE)<br>71d7d816-50a6-4349-86a0-a381441b6665 Bulgaria (BG)<br>4f6206c8-766c-4960-a643-8adf5ba035d7 Germany (DE)<br>c3d581e4-ba38-4c58-8b66-83fc29c7a74c Hungary (HU)<br>c6f4868f-86c8-44c5-a259-f6312a4d458f Poland (PL)<br>6bbd388b-5394-4167-ab92-4ad48c394932 Czech Republic (CZ)<br>f8416874-26dd-4bb8-a2aa-60fcb67aa897 Germany (DE)<br>2ffe8313-739b-49a8-bc07-c35fa9e9617e Belgium (BE)<br>6f66fce0-ff8f-4fc4-9d26-d2a5535b7432 Germany (DE)<br>4cb12adc-b0b8-4c63-a66d-1460bd7c73cb France (FR)<br>e2416e06-2529-4848-8aaa-51bf0cfa2081 Finland (FI)<br>b03f61a2-5b1c-4e8c-8c18-4193741d656b Greece (GR)<br>cfcd6d32-0cfd-4707-a11b-f2d0f0d26192 Denmark (DK)<br>b03f61a2-5b1c-4e8c-8c18-4193741d656b Greece (GR)<br>330fe251-0b13-4143-b7de-b1de539f2647 Norway (NO)<br>cfd53bbe-f5f5-4be4-b7f4-30f66914c096 Portugal (PT)<br>4cb12adc-b0b8-4c63-a66d-1460bd7c73cb France (FR)<br>c6f4868f-86c8-44c5-a259-f6312a4d458f Poland (PL)<br>bab7a853-8281-4d8a-b0e5-8b3428f3ba3e Sweden (SE)<br>d93429c9-cd25-48f4-b82c-1643c35836a0 Spain (ES)<br>6bbd388b-5394-4167-ab92-4ad48c394932 Czech Republic (CZ)<br>4ec2a568-a7db-4156-b4d4-a9689abc37b1 Hungary (HU)<br>3d4ef85f-f2af-42ac-b59e-edf471865f17 Poland (PL)<br>2b5d8302-ae47-4c51-ad34-e5546c991490 France (FR)<br>daa23091-2db2-4b12-8aa6-e44dea5f9e58 Estonia (EE)<br>660f8c7e-fc77-4e3c-9b45-3575f54945d8 Sweden (SE)<br>d93429c9-cd25-48f4-b82c-1643c35836a0 Spain (ES)<br>558acf93-868e-47bc-93d3-dec5e083abe7 Germany (DE)<br>9a78d503-cc85-440c-a016-b2dcf4e3e4d2 Germany (DE)<br>f8416874-26dd-4bb8-a2aa-60fcb67aa897 Germany (DE)<br>330fe251-0b13-4143-b7de-b1de539f2647 Norway (NO)<br>72b3f61c-2613-4699-8025-0ef3ed848866 Belgium (BE)<br>2ffe8313-739b-49a8-bc07-c35fa9e9617e Belgium (BE)<br>cfcd6d32-0cfd-4707-a11b-f2d0f0d26192 Denmark (DK)<br>daa23091-2db2-4b12-8aa6-e44dea5f9e58 Estonia (EE)<br>72b3f61c-2613-4699-8025-0ef3ed848866 Belgium (BE)<br>2b5d8302-ae47-4c51-ad34-e5546c991490 France (FR)<br>c3d581e4-ba38-4c58-8b66-83fc29c7a74c Hungary (HU)<br>6f66fce0-ff8f-4fc4-9d26-d2a5535b7432 Germany (DE)<br>e2416e06-2529-4848-8aaa-51bf0cfa2081 Finland (FI)<br>2658cfdb-6800-4de6-8699-35b181a4a46b Croatia (HR)<br>f2a8a78b-a08f-4632-8d38-df44405e8eed Netherlands (NL)<br>2658cfdb-6800-4de6-8699-35b181a4a46b Croatia (HR)<br>660f8c7e-fc77-4e3c-9b45-3575f54945d8 Sweden (SE)<br>558acf93-868e-47bc-93d3-dec5e083abe7 Germany (DE)<br>4ec2a568-a7db-4156-b4d4-a9689abc37b1 Hungary (HU)<br>71d7d816-50a6-4349-86a0-a381441b6665 Bulgaria (BG)<br>bab7a853-8281-4d8a-b0e5-8b3428f3ba3e Sweden (SE)<br>4f6206c8-766c-4960-a643-8adf5ba035d7 Germany (DE)<br>7018d863-2576-4d6c-856d-1914dc97e78c Poland (PL) |

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## Environmental

| | |
|---|---|
| Environmental Information | 9AKK108467A6707 |

## Ordering

| | |
|---|---|
| Order Code US and Canada | ZBHPEFAJ200A000000XX |
| EAN | 8015644767488 |
| Minimum Order Quantity | 1 piece |
| Customs Tariff Number | 85362090 |

## Dimensions

| | |
|---|---|
| Product Net Width | 407 mm |
| Product Net Height | 425 mm |
| Product Net Depth / Length | 383 mm |
| Product Net Weight | 55 kg |

## Container Information

| | |
|---|---|
| Package Level 1 Units | box 1 piece |
| Package Level 1 Width | 515 mm |
| Package Level 1 Height | 610 mm |
| Package Level 1 Depth / Length | 615 mm |
| Package Level 1 Gross Weight | 60 kg |
| Package Level 1 EAN | 8015644767488 |

## Additional Information

| | |
|---|---|
| Product Main Type | SACE Emax 2 |
| Product Name | Air Circuit Breaker |
| Product Type | Air Circuit Breaker |
| Version | W |
| CAD Dimensional Drawing | 1SDH001252R0432 |

## Technical

| | |
|---|---|
| Current Type | AC |
| Electrical Durability | Ue =< 440 V 15000 cycle<br>Ue = 500 ... 690 V 15000 cycle<br>30 cycles per hour |
| Mechanical Durability | 25000 cycle<br>60 cycles per hour |
| Neutral Pole Current ([% Iu]) | 100 % |
| Number of Poles | 4P |
| Power Loss | 72 W |

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| | |
|---|---|
| Rated Current ($I_n$) | 800 A |
| Rated Impulse Withstand Voltage ($U_{imp}$) | acc. to IEC 60947-2 12 kV |
| Rated Insulation Voltage ($U_i$) | AC 1000 V |
| Rated Operational Voltage | 690 V AC |
| Rated Service Short-Circuit Breaking Capacity ($I_{cs}$) | (220 V AC) 100 kA<br>(230 V AC) 100 kA<br>(380 V AC) 100 kA<br>(400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(660 V AC) 85 kA<br>(690 V AC) 85 kA |
| Rated Service Short-Circuit Breaking Capacity, in % of Icu ($I_{cs}$) | 100 % |
| Rated Short-time Withstand Current Low Voltage ($I_{cw}$) | for 1 s 85 kA<br>for 3 s 66 kA |
| Rated Ultimate Short-Circuit Breaking Capacity ($I_{cu}$) | (400 V AC) 100 kA<br>(415 V AC) 100 kA<br>(440 V AC) 100 kA<br>(500 V AC) 85 kA<br>(525 V AC) 85 kA<br>(690 V AC) 85 kA |
| Rated Uninterrupted Current ($I_u$) | 800 A |
| Rated Voltage ($U_r$) | 690 V |
| Release | Ekip Hi-Touch LSI |
| Release Type | EL |
| Short-Circuit Performance Level | H |
| Standards | IEC |
| Sub-type | E2.2 |
| Suitable for IT Networks | Yes, 690V |

## Certificates and Declarations

| | |
|---|---|
| ATEX Certificate | No certification needed |
| CSA Certificate | No certification needed |
| CSA Certificate (Intrinsic Safe) | No certification needed |
| Data Sheet, Technical Information | 1SDC200023D0209 |
| Declaration of Conformity - CE | 9AKK106713A5902 |
| UL Certificate | No certification needed |
| VDE Certificate | No certification needed |
| Mechanical Drawings | 1SDH001000R0102 |
| Wiring Diagram | 1SDM000091R0001 |
| Instructions and Manuals | 1SDH001000R0002 |
| Instructions and Manuals (Part 2) | 1SDH001316R1002 |

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## Classifications

| | |
|---|---|
| ETIM 8 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| ETIM 9 | EC000228 - Power circuit-breaker for trafo/generator/installation protection |
| IDEA Granular Category Code (IGCC) | 4926 >> Air circuit breakers |
| Object Classification Code | Q |
| UNSPSC | 39121615 |
| WEEE Category | 5. Small Equipment (No External Dimension More Than 50 cm) |
| eClass | V11.1 : 27370409 |

## Categories

Low Voltage Products and Systems → Circuit Breakers → Air Circuit Breakers → Emax 2



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